

REMARKS/ARGUMENTS

Claims 1-36 remain pending in the application. Each of the remaining claims includes a limitation not disclosed by or made obvious in view of the prior art.

In the Office Action, it was asserted that Arora, U.S. Patent Application Publication No. 2004/0114049 (hereinafter “Arora”) discloses displaying multiple output streams because “multimedia device 140 can generate video windows of arbitrary sizes for displaying output video stream 145 based on a selected aspect ratio” (Arora, para. [0013]). In addition, it is asserted that it “makes no sense” to display the same video stream on different windows. (Office Action, page 3). However, applicants assert that this further clarifies why Arora only displays one video stream on one window at any one time. Thus, the statement in Arora as to generating video windows of arbitrary sizes refers not to a plurality of windows for display at a same time with different video streams in each, but rather to a plurality of supported window sizes.

In the Office Action, “windows” being a plural is noted (Office Action, page 3). However, what is not noted, but what should be noted is that “output video stream 145” in the same sentence is singular (Arora, para. [0013]). Arora simply does not disclose displaying multiple video streams simultaneously. Note a single output video stream 145 in FIG. 1 of Arora. While the Office Action notes that the input video stream of Arora is modified, there is nothing in Arora to indicate that the input video stream is displayed along with the modified video stream. Also see in FIG. 1 of Arora, 155 “modified video content” with nothing about the input video stream 105 being displayed as well. In fact, input video stream 105 is provided to video encoder 120, but there is no direct connection of input video stream 105 to multimedia device 140 for outputting along with output video stream 145. As shown in Arora, only output video stream 145 containing modified video content 155 is output by multimedia device 140.

Also, the Office Action notes that “Arora does not use the same words” like “simultaneous,” but that “one does not have to use the same words and terms the applicant is using.” While this is of course correct; if Arora were actually disclosing that two or more video streams were being simultaneously displayed, if not the actual word “simultaneous,” then perhaps a synonym would be used. However, Arora is also silent with regard to any common synonym for “simultaneous.” For example, Arora is silent with regard to “coincident,” “concurrent,” “contemporaneous,” “in concert,” “in unison,” and “synchronous” as well (see

Roget's College Thesaurus for synonyms for "simultaneous"). Thus, no synonym for "simultaneous" is used in Arora, and no figure showing multiple video streams being displayed at the same time is shown in Arora. Accordingly, Arora does not disclose simultaneously displaying multiple video streams.

Finally, Arora does not aim to solve a similar problem as in the present patent application. Arora concerns detecting and/or altering aspect ratios, and outputting a single video stream with modified video content. Thus, Arora teaches away from simultaneously displaying multiple video streams.

Rejections under 35 USC §102

In the Office Action, claims 1, 2, 4, and 8-33, were rejected under 35 USC §102(e) as being anticipated by Arora. Applicants submit that Arora does not disclose every element of any of claims 1, 2, 4, or 8-33.

For example, independent claim 1 recites "providing a video stream," duplicating that video stream, modifying the duplicated video stream, sending "the video stream along with the modified video stream" for display, and producing an appearance of a single or seamless video stream to a viewer of the display screen," where "the modified video stream is in a picture-in-picture (PIP) window" for "simultaneously displaying a plurality of video streams." Independent claims 14-16 and 25, and claims 17 and 30, also recite similar limitations.

Arora concerns a system and method for video systems with alternate aspect ratios (Arora, Abstract). In the Office Action, it is suggested that the output video stream of Arora is somehow correlated to the at least two video streams of the present invention. However, Arora displays only a single output video stream that is adapted to an aspect ratio conforming with a display screen (see Arora, para. [0013]). In addition, Arora is silent with regard to "duplicate," "copy," "simultaneous," "picture," and "PIP." And as discussed above, Arora is silent with regard to numerous synonyms for "simultaneous" as well. Further, there is no disclosure in Arora as to a seamless appearance for multiple displayed video streams, with one being in a PIP window. Accordingly, Arora does not disclose "providing a video stream," duplicating that video stream, modifying the duplicated video stream, sending "the video stream along with the modified video stream" for display, and producing an appearance of a single or seamless video

stream to a viewer of the display screen,” where “the modified video stream is in a picture-in-picture (PIP) window” for “simultaneously displaying a plurality of video streams.”

Claims 2, 4, 8-13, and 20-22 depend from claim 1, claims 18-19 depend from claim 17, claims 23-24 depend from claim 16, claims 26-29 depend from claim 25, and claims 31-33 depend from claim 30. Therefore, the rejections of claims 1, 2, 4, and 8-33 under 35 USC §102(e) as anticipated by Arora are unsustainable, and should be withdrawn.

Rejections under 35 USC §103

In the Office Action, claims 3, 5-7, and 34-36 were rejected under 35 USC §103(a) as being unpatentable over Arora. Applicants submit that this reference does not disclose or suggest every element of any of claims 3, 5-7, and 34-36.

As discussed above, Arora does not disclose “providing a video stream,” duplicating that video stream, modifying the duplicated video stream, sending “the video stream along with the modified video stream” for display, and producing an appearance of a single or seamless video stream to a viewer of the display screen,” where “the modified video stream is in a picture-in-picture (PIP) window” for “simultaneously displaying a plurality of video streams,” as in claim 1. Claim 30 recites similar limitations.

Claims 3 and 5-7 depend from claim 1, and claims 34-36 depend from claim 30. Therefore, the rejections of claims 3, 5-7, and 34-36 under 35 USC §103(a) as unpatentable over Arora, are unsustainable and should be withdrawn.

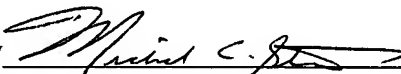
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Applicant respectfully submits that the present claims are in condition for allowance and an early Notice of Allowance is earnestly sought. The undersigned may be contacted at the telephone number below at the Examiner's convenience if it would help in the prosecution of this matter.

Respectfully submitted,

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